

# SCORE Search Results Details for Application 10552515 and Search Result 20080630\_144103\_us-10-552-515-9.rai.

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OM protein - protein search, using sw model

Run on: June 30, 2008, 17:46:21 ; Search time 40 Seconds  
(without alignments)  
42.303 Million cell updates/sec

Title: US-10-552-515-9  
Perfect score: 48  
Sequence: 1 WLLSSACAL 9

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 1143754 seqs, 186252778 residues

Total number of hits satisfying chosen parameters: 1143754

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Issued\_Patents\_AA:  
1: /ABSS/Data/CRF/ptodata/1/iaa/5\_COMB.pep:  
2: /ABSS/Data/CRF/ptodata/1/iaa/6\_COMB.pep:  
3: /ABSS/Data/CRF/ptodata/1/iaa/7\_COMB.pep:  
4: /ABSS/Data/CRF/ptodata/1/iaa/H\_COMB.pep:  
5: /ABSS/Data/CRF/ptodata/1/iaa/PECTUS\_COMB.pep:  
6: /ABSS/Data/CRF/ptodata/1/iaa/RE\_COMB.pep:  
7: /ABSS/Data/CRF/ptodata/1/iaa/backfiles1.pep:  
\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result	%
	Query

No.	Score	Match Length	DB	ID	Description
1	41	85.4	130	2 US-09-270-767-34853	Sequence 34853, A
2	41	85.4	130	2 US-09-270-767-50070	Sequence 50070, A
3	38	79.2	172	3 US-10-703-032-119150	Sequence 119150,
4	37	77.1	129	3 US-10-703-032-180969	Sequence 180969,
5	37	77.1	140	3 US-09-201-228B-528	Sequence 528, App
6	37	77.1	141	3 US-10-108-260A-3167	Sequence 3167, Ap
7	37	77.1	503	2 US-09-543-681A-4381	Sequence 4381, Ap
8	36	75.0	52	3 US-10-703-032-161229	Sequence 161229,
9	36	75.0	81	3 US-10-703-032-192621	Sequence 192621,
10	36	75.0	399	2 US-09-328-352-8043	Sequence 8043, Ap
11	36	75.0	642	3 US-10-108-260A-4483	Sequence 4483, Ap
12	35	72.9	228	2 US-09-252-991A-21890	Sequence 21890, A
13	35	72.9	354	3 US-10-703-032-132428	Sequence 132428,
14	35	72.9	371	3 US-11-216-782-7030	Sequence 7030, Ap
15	34	70.8	52	2 US-09-513-999C-6992	Sequence 6992, Ap
16	34	70.8	52	3 US-10-793-479-6992	Sequence 6992, Ap
17	34	70.8	107	2 US-09-134-001C-2861	Sequence 2861, Ap
18	34	70.8	146	2 US-09-252-991A-20569	Sequence 20569, A
19	34	70.8	147	3 US-10-703-032-174441	Sequence 174441,
20	34	70.8	152	2 US-09-489-039A-11538	Sequence 11538, A
21	34	70.8	156	3 US-10-703-032-115765	Sequence 115765,
22	34	70.8	182	2 US-09-902-540-164448	Sequence 164448, A
23	34	70.8	202	3 US-10-703-032-162808	Sequence 162808,
24	34	70.8	211	2 US-09-252-991A-25677	Sequence 25677, A
25	34	70.8	255	2 US-10-094-749-3212	Sequence 3212, Ap
26	34	70.8	286	3 US-10-703-032-139927	Sequence 139927,
27	34	70.8	379	2 US-09-452-937A-24	Sequence 24, Appl
28	34	70.8	441	3 US-10-703-032-142026	Sequence 142026,
29	34	70.8	452	2 US-09-543-681A-6544	Sequence 6544, Ap
30	34	70.8	641	2 US-09-489-039A-8248	Sequence 8248, Ap
31	34	70.8	678	2 US-09-489-039A-11220	Sequence 11220, A
32	34	70.8	1115	3 US-10-768-158-22	Sequence 22, Appl
33	33	68.8	53	2 US-09-621-976-4393	Sequence 4393, Ap
34	33	68.8	65	3 US-10-703-032-121083	Sequence 121083,
35	33	68.8	84	2 US-09-540-236-2784	Sequence 2784, Ap
36	33	68.8	89	3 US-10-703-032-132379	Sequence 132379,
37	33	68.8	109	3 US-10-703-032-151588	Sequence 151588,
38	33	68.8	131	2 US-09-134-001C-4833	Sequence 4833, Ap
39	33	68.8	131	3 US-09-450-969-5698	Sequence 5698, Ap
40	33	68.8	131	3 US-10-724-972B-5698	Sequence 5698, Ap
41	33	68.8	161	3 US-10-703-032-174201	Sequence 174201,
42	33	68.8	181	3 US-10-703-032-121123	Sequence 121123,
43	33	68.8	181	3 US-10-703-032-121125	Sequence 121125,
44	33	68.8	206	3 US-10-805-394A-6890	Sequence 6890, Ap
45	33	68.8	210	2 US-09-605-703B-430	Sequence 430, App

## ALIGNMENTS

## RESULT 1

US-09-270-767-34853

; Sequence 34853, Application US/09270767

; Patent No. 6703491

; GENERAL INFORMATION:

; APPLICANT: Homburger et al.  
 ; TITLE OF INVENTION: Nucleic acids and proteins of *Drosophila melanogaster*  
 ; FILE REFERENCE: File Reference: 7326-094  
 ; CURRENT APPLICATION NUMBER: US/09/270,767  
 ; CURRENT FILING DATE: 1999-03-17  
 ; NUMBER OF SEQ ID NOS: 62517  
 ; SOFTWARE: PatentIn Ver. 2.0  
 ; SEQ ID NO 34853  
 ; LENGTH: 130  
 ; TYPE: PRT  
 ; ORGANISM: *Drosophila melanogaster*  
 ; FEATURE:  
 ; OTHER INFORMATION: Xaa means any amino acid  
 US-09-270-767-34853

Query Match 85.4%; Score 41; DB 2; Length 130;  
 Best Local Similarity 77.8%; Pred. No. 18;  
 Matches 7; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 1 WLLSSACAL 9  
 |:|||||| |  
 Db 88 WILSSACKL 96

## RESULT 2

US-09-270-767-50070

; Sequence 50070, Application US/09270767  
 ; Patent No. 6703491  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Homburger et al.  
 ; TITLE OF INVENTION: Nucleic acids and proteins of *Drosophila melanogaster*  
 ; FILE REFERENCE: File Reference: 7326-094  
 ; CURRENT APPLICATION NUMBER: US/09/270,767  
 ; CURRENT FILING DATE: 1999-03-17  
 ; NUMBER OF SEQ ID NOS: 62517  
 ; SOFTWARE: PatentIn Ver. 2.0  
 ; SEQ ID NO 50070  
 ; LENGTH: 130  
 ; TYPE: PRT  
 ; ORGANISM: *Drosophila melanogaster*  
 ; FEATURE:  
 ; OTHER INFORMATION: Xaa means any amino acid  
 US-09-270-767-50070

Query Match 85.4%; Score 41; DB 2; Length 130;  
 Best Local Similarity 77.8%; Pred. No. 18;  
 Matches 7; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 1 WLLSSACAL 9  
 |:|||||| |  
 Db 88 WILSSACKL 96

## RESULT 3

US-10-703-032-119150

; Sequence 119150, Application US/10703032  
 ; Patent No. 7214786

; GENERAL INFORMATION:  
 ; APPLICANT: Kovalic, David K.  
 ; APPLICANT: Andersen, Scott E.  
 ; APPLICANT: Byrum, Joseph R.  
 ; APPLICANT: Conner, Timothy W.  
 ; APPLICANT: Cao, Yongwei  
 ; APPLICANT: Masucci, James D.  
 ; APPLICANT: Zhou, Yihua  
 ; TITLE OF INVENTION: Nucleic Acid Molecules And Other Molecules Associated With  
 ; TITLE OF INVENTION: Plants  
 ; FILE REFERENCE: 38-21(53374)B  
 ; CURRENT APPLICATION NUMBER: US/10/703,032  
 ; CURRENT FILING DATE: 2003-11-06  
 ; PRIOR APPLICATION NUMBER: 10/020,338  
 ; PRIOR FILING DATE: 2001-12-12  
 ; NUMBER OF SEQ ID NOS: 211164  
 ; SEQ ID NO 119150  
 ; LENGTH: 172  
 ; TYPE: PRT  
 ; ORGANISM: Triticum aestivum  
 ; FEATURE:  
 ; OTHER INFORMATION: Clone ID: PAT\_TA\_13568.pep  
 US-10-703-032-119150

Query Match 79.2%; Score 38; DB 3; Length 172;  
 Best Local Similarity 75.0%; Pred. No. 74;  
 Matches 6; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy	1 WLLSSACA 8
	:  :
Db	142 WLLSAACS 149

## RESULT 4

US-10-703-032-180969

; Sequence 180969, Application US/10703032  
 ; Patent No. 7214786  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Kovalic, David K.  
 ; APPLICANT: Andersen, Scott E.  
 ; APPLICANT: Byrum, Joseph R.  
 ; APPLICANT: Conner, Timothy W.  
 ; APPLICANT: Cao, Yongwei  
 ; APPLICANT: Masucci, James D.  
 ; APPLICANT: Zhou, Yihua  
 ; TITLE OF INVENTION: Nucleic Acid Molecules And Other Molecules Associated With  
 ; TITLE OF INVENTION: Plants  
 ; FILE REFERENCE: 38-21(53374)B  
 ; CURRENT APPLICATION NUMBER: US/10/703,032  
 ; CURRENT FILING DATE: 2003-11-06  
 ; PRIOR APPLICATION NUMBER: 10/020,338  
 ; PRIOR FILING DATE: 2001-12-12  
 ; NUMBER OF SEQ ID NOS: 211164  
 ; SEQ ID NO 180969  
 ; LENGTH: 129  
 ; TYPE: PRT  
 ; ORGANISM: Triticum aestivum

; FEATURE:  
; OTHER INFORMATION: Clone ID: PAT\_TA\_75387.pep  
US-10-703-032-180969

Query Match 77.1%; Score 37; DB 3; Length 129;  
Best Local Similarity 77.8%; Pred. No. 83;  
Matches 7; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1 WLLSSACAL 9  
Db 17 WLLSLCAL 25

## RESULT 5

US-09-201-228B-528

; Sequence 528, Application US/09201228B

; Patent No. 7041490

; GENERAL INFORMATION:

; APPLICANT: Griffais, Remy

; APPLICANT: Hoiseth, Susan K.

; APPLICANT: Zagursky, Robert John

; APPLICANT: Metcalf, Benjamin J.

; APPLICANT: Peek, Joel A.

; APPLICANT: Sankaran, Banumathi

; APPLICANT: Fletcher, Leah Diane

; TITLE OF INVENTION: CHLAMYDIA TRACHOMATIS POLYNUCLEOTIDES AND VECTORS, RECOMBINANT HOST CELLS,

; TITLE OF INVENTION: DNA CHIPS OR KITS CONTAINING THE SAME

; FILE REFERENCE: GEN-T109X

; CURRENT APPLICATION NUMBER: US/09/201,228B

; CURRENT FILING DATE: 1998-11-30

; PRIOR APPLICATION NUMBER: US 60/107,077

; PRIOR FILING DATE: 1998-11-04

; PRIOR APPLICATION NUMBER: FR 97-16034

; PRIOR FILING DATE: 1997-12-17

; PRIOR APPLICATION NUMBER: FR 97-15041

; PRIOR FILING DATE: 1997-11-28

; NUMBER OF SEQ ID NOS: 5982

; SOFTWARE: FastSEQ for Windows Version 4.0

; SEQ ID NO 528

; LENGTH: 140

; TYPE: PRT

; ORGANISM: Chlamydia trachomatis

US-09-201-228B-528

Query Match 77.1%; Score 37; DB 3; Length 140;  
Best Local Similarity 75.0%; Pred. No. 90;  
Matches 6; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 1 WLLSSACCA 8  
Db 42 WVFSSACA 49

## RESULT 6

US-10-108-260A-3167

; Sequence 3167, Application US/10108260A

; Patent No. 7193069  
 ; GENERAL INFORMATION:  
 ; APPLICANT: HELIX RESEARCH INSTITUTE  
 ; TITLE OF INVENTION: No. 7193069el full length cDNA  
 ; FILE REFERENCE: H1-A0106  
 ; CURRENT APPLICATION NUMBER: US/10/108,260A  
 ; CURRENT FILING DATE: 2002-03-27  
 ; NUMBER OF SEQ ID NOS: 5458  
 ; SOFTWARE: PatentIn Ver. 2.1  
 ; SEQ ID NO 3167  
 ; LENGTH: 141  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 US-10-108-260A-3167

Query Match 77.1%; Score 37; DB 3; Length 141;  
 Best Local Similarity 75.0%; Pred. No. 90;  
 Matches 6; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy	1	WLLSSACA	8
	:		
Db	117	WLLAEACA	124

## RESULT 7

US-09-543-681A-4381

; Sequence 4381, Application US/09543681A  
 ; Patent No. 6605709  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GARY BRETON  
 ; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PROTEUS MIRABILIS  
 FOR  
 ; TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS  
 ; FILE REFERENCE: 2709.1002-001  
 ; CURRENT APPLICATION NUMBER: US/09/543,681A  
 ; CURRENT FILING DATE: 2000-04-05  
 ; PRIOR APPLICATION NUMBER: US 60/128,706  
 ; PRIOR FILING DATE: 1999-04-09  
 ; NUMBER OF SEQ ID NOS: 8344  
 ; SEQ ID NO 4381  
 ; LENGTH: 503  
 ; TYPE: PRT  
 ; ORGANISM: Proteus mirabilis  
 US-09-543-681A-4381

Query Match 77.1%; Score 37; DB 2; Length 503;  
 Best Local Similarity 100.0%; Pred. No. 3.1e+02;  
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	2	LLSSACAL	9
Db	355	LLSSACAL	362

## RESULT 8

US-10-703-032-161229

; Sequence 161229, Application US/10703032

; Patent No. 7214786  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Kovalic, David K.  
 ; APPLICANT: Andersen, Scott E.  
 ; APPLICANT: Byrum, Joseph R.  
 ; APPLICANT: Conner, Timothy W.  
 ; APPLICANT: Cao, Yongwei  
 ; APPLICANT: Masucci, James D.  
 ; APPLICANT: Zhou, Yihua  
 ; TITLE OF INVENTION: Nucleic Acid Molecules And Other Molecules Associated With  
 ; TITLE OF INVENTION: Plants  
 ; FILE REFERENCE: 38-21(53374)B  
 ; CURRENT APPLICATION NUMBER: US/10/703,032  
 ; CURRENT FILING DATE: 2003-11-06  
 ; PRIOR APPLICATION NUMBER: 10/020,338  
 ; PRIOR FILING DATE: 2001-12-12  
 ; NUMBER OF SEQ ID NOS: 211164  
 ; SEQ ID NO 161229  
 ; LENGTH: 52  
 ; TYPE: PRT  
 ; ORGANISM: Triticum aestivum  
 ; FEATURE:  
 ; OTHER INFORMATION: Clone ID: PAT\_TA\_55647.pep

US-10-703-032-161229

Query Match 75.0%; Score 36; DB 3; Length 52;  
 Best Local Similarity 75.0%; Pred. No. 51;  
 Matches 6; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy	1	WLLSSACA	8
Db	22	WLFSGACA	29

## RESULT 9

US-10-703-032-192621  
 ; Sequence 192621, Application US/10703032  
 ; Patent No. 7214786  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Kovalic, David K.  
 ; APPLICANT: Andersen, Scott E.  
 ; APPLICANT: Byrum, Joseph R.  
 ; APPLICANT: Conner, Timothy W.  
 ; APPLICANT: Cao, Yongwei  
 ; APPLICANT: Masucci, James D.  
 ; APPLICANT: Zhou, Yihua  
 ; TITLE OF INVENTION: Nucleic Acid Molecules And Other Molecules Associated With  
 ; TITLE OF INVENTION: Plants  
 ; FILE REFERENCE: 38-21(53374)B  
 ; CURRENT APPLICATION NUMBER: US/10/703,032  
 ; CURRENT FILING DATE: 2003-11-06  
 ; PRIOR APPLICATION NUMBER: 10/020,338  
 ; PRIOR FILING DATE: 2001-12-12  
 ; NUMBER OF SEQ ID NOS: 211164  
 ; SEQ ID NO 192621  
 ; LENGTH: 81  
 ; TYPE: PRT

;
 ORGANISM: *Triticum aestivum*  
 ; FEATURE:  
 ; NAME/KEY: unsure  
 ; LOCATION: (1)..(81)  
 ; OTHER INFORMATION: unsure at all Xaa locations  
 ; FEATURE:  
 ; OTHER INFORMATION: Clone ID: PAT\_TA\_87039.pep  
 US-10-703-032-192621

Query Match 75.0%; Score 36; DB 3; Length 81;  
 Best Local Similarity 55.6%; Pred. No. 78;  
 Matches 5; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 1 WLLSSACAL 9  
 ||:::|| :  
 Db 42 WLISNACLM 50

## RESULT 10

US-09-328-352-8043  
 ; Sequence 8043, Application US/09328352  
 ; Patent No. 6562958  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Gary L. Breton et al.  
 ; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO ACINETOBACTER  
 ; TITLE OF INVENTION: BAUMANNII FOR DIAGNOSTICS AND THERAPEUTICS  
 ; FILE REFERENCE: GTC99-03PA  
 ; CURRENT APPLICATION NUMBER: US/09/328,352  
 ; CURRENT FILING DATE: 1999-06-04  
 ; NUMBER OF SEQ ID NOS: 8252  
 ; SEQ ID NO 8043  
 ; LENGTH: 399  
 ; TYPE: PRT  
 ; ORGANISM: *Acinetobacter baumannii*  
 US-09-328-352-8043

Query Match 75.0%; Score 36; DB 2; Length 399;  
 Best Local Similarity 55.6%; Pred. No. 3.6e+02;  
 Matches 5; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 1 WLLSSACAL 9  
 ||:::|| |  
 Db 20 WLMAAACGL 28

## RESULT 11

US-10-108-260A-4483  
 ; Sequence 4483, Application US/10108260A  
 ; Patent No. 7193069  
 ; GENERAL INFORMATION:  
 ; APPLICANT: HELIX RESEARCH INSTITUTE  
 ; TITLE OF INVENTION: No. 7193069el full length cDNA  
 ; FILE REFERENCE: H1-A0106  
 ; CURRENT APPLICATION NUMBER: US/10/108,260A  
 ; CURRENT FILING DATE: 2002-03-27  
 ; NUMBER OF SEQ ID NOS: 5458  
 ; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 4483  
; LENGTH: 642  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-108-260A-4483

Query Match 75.0%; Score 36; DB 3; Length 642;  
Best Local Similarity 75.0%; Pred. No. 5.7e+02;  
Matches 6; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 1 WLLSSACA 8  
| :|||||  
Db 361 WKMSSACA 368

## RESULT 12

US-09-252-991A-21890

; Sequence 21890, Application US/09252991A  
; Patent No. 6551795  
; GENERAL INFORMATION:  
; APPLICANT: Marc J. Rubenfield et al.  
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS  
; TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS  
; FILE REFERENCE: 107196,136  
; CURRENT APPLICATION NUMBER: US/09/252,991A  
; CURRENT FILING DATE: 1999-02-18  
; PRIOR APPLICATION NUMBER: US 60/074,788  
; PRIOR FILING DATE: 1998-02-18  
; PRIOR APPLICATION NUMBER: US 60/094,190  
; PRIOR FILING DATE: 1998-07-27  
; NUMBER OF SEQ ID NOS: 33142  
; SEQ ID NO 21890  
; LENGTH: 228  
; TYPE: PRT  
; ORGANISM: Pseudomonas aeruginosa  
US-09-252-991A-21890

Query Match 72.9%; Score 35; DB 2; Length 228;  
Best Local Similarity 75.0%; Pred. No. 3.1e+02;  
Matches 6; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1 WLLSSACA 8  
||| |||  
Db 133 WLLKRACA 140

## RESULT 13

US-10-703-032-132428

; Sequence 132428, Application US/10703032  
; Patent No. 7214786  
; GENERAL INFORMATION:  
; APPLICANT: Kovalic, David K.  
; APPLICANT: Andersen, Scott E.  
; APPLICANT: Byrum, Joseph R.  
; APPLICANT: Conner, Timothy W.  
; APPLICANT: Cao, Yongwei  
; APPLICANT: Masucci, James D.

; APPLICANT: Zhou, Yihua  
 ; TITLE OF INVENTION: Nucleic Acid Molecules And Other Molecules Associated With  
 ; TITLE OF INVENTION: Plants  
 ; FILE REFERENCE: 38-21(53374)B  
 ; CURRENT APPLICATION NUMBER: US/10/703,032  
 ; CURRENT FILING DATE: 2003-11-06  
 ; PRIOR APPLICATION NUMBER: 10/020,338  
 ; PRIOR FILING DATE: 2001-12-12  
 ; NUMBER OF SEQ ID NOS: 211164  
 ; SEQ ID NO 132428  
 ; LENGTH: 354  
 ; TYPE: PRT  
 ; ORGANISM: Triticum aestivum  
 ; FEATURE:  
 ; NAME/KEY: unsure  
 ; LOCATION: (1)..(354)  
 ; OTHER INFORMATION: unsure at all Xaa locations  
 ; FEATURE:  
 ; OTHER INFORMATION: Clone ID: PAT\_TA\_26846.pep  
 US-10-703-032-132428

Query Match 72.9%; Score 35; DB 3; Length 354;  
 Best Local Similarity 75.0%; Pred. No. 4.8e+02;  
 Matches 6; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy	1	WLLSSACA	8
Db	173	WLLSXRC	180

## RESULT 14

US-11-216-782-7030

; Sequence 7030, Application US/11216782  
 ; Patent No. 7319142  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Goldman, Barry S.  
 ; APPLICANT: Krasomil-Osterfeld, Karina C.  
 ; APPLICANT: Malvar, Thomas Michael.  
 ; APPLICANT: Pitkin, John W  
 ; APPLICANT: Slater, Steven C.  
 ; APPLICANT: Wu, Wei  
 ; APPLICANT: Zeng, Jiamin  
 ; TITLE OF INVENTION: NUCLEOTIDE AND AMINO ACID SEQUENCES  
 ; TITLE OF INVENTION: FROM XENORHABDUS AND USES THEREOF  
 ; FILE REFERENCE: 38-21 (52053) B  
 ; CURRENT APPLICATION NUMBER: US/11/216,782  
 ; CURRENT FILING DATE: 2005-08-31  
 ; PRIOR APPLICATION NUMBER: US 60/606,098  
 ; PRIOR FILING DATE: 2004-08-31  
 ; NUMBER OF SEQ ID NOS: 16918  
 ; SEQ ID NO 7030  
 ; LENGTH: 371  
 ; TYPE: PRT  
 ; ORGANISM: Xenorhabdus bovienii  
 ; FEATURE:  
 ; OTHER INFORMATION: Coding DNA sequence: Name=SeqID\_922  
 ; FEATURE:

;
; OTHER INFORMATION: Gene classification: Gene name=RfaG; Function=Predicted
; OTHER INFORMATION: glycosyltransferases; Function class=M Cell envelope biogenesis,
; OTHER INFORMATION: outer membrane
; FEATURE:
; OTHER INFORMATION: Homolog annotation: Query=6..352bp; Hit=1..355bp; Blast score=121;
; OTHER INFORMATION: Percent Identity=29.0; E value=1e-27; Homolog= XF1470 COG0438
US-11-216-782-7030

Query Match 72.9%; Score 35; DB 3; Length 371;
Best Local Similarity 62.5%; Pred. No. 5e+02;
Matches 5; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

Qy 1 WLLSSACA 8
||:::|||
Db 98 WLVAACAA 105

RESULT 15

US-09-513-999C-6992

; Sequence 6992, Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclert, A.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; Patent No. 6783961
; FILE REFERENCE: 59.US2.REG
; CURRENT APPLICATION NUMBER: US/09/513,999C
; CURRENT FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/122,487
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
; SEQ ID NO 6992
; LENGTH: 52
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: UNSURE
; LOCATION: 46
; OTHER INFORMATION: Xaa=His or Leu
US-09-513-999C-6992

Query Match 70.8%; Score 34; DB 2; Length 52;
Best Local Similarity 71.4%; Pred. No. 1.1e+02;
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 WLLSSAC 7
||:::|||
Db 30 WLNVNSAC 36

Search completed: June 30, 2008, 17:51:38
Job time : 39.625 secs

SCORE 3.0